

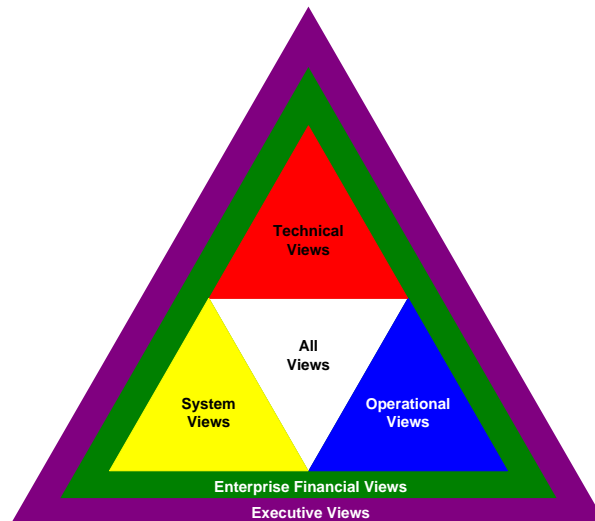


**Federal Aviation
Administration**

NAS-EA-AV-2-Mid-Term-v3.0-022814

National Airspace System Enterprise Architecture (NAS EA)

Office of NextGen (ANG)



Mid-Term Integrated Dictionary (AV-2)

Version 3.0

Part of Integrated Mid-Term Release Package 3.0

February 28, 2014

Version History

| Version | Date | Description of Change |
|---|-------------------|---|
| Integrated Mid-Term Release Package 1.0 Review Draft AV-2 v1.0 | 27 April 2012 | Initial release. |
| Integrated Mid-Term Release Package 1.1 Review Draft AV-2 v1.1 | 07 June 2012 | Updated document per comment adjudication. |
| Integrated Mid-Term Release Package 1.2 Review Draft AV-2 v1.2 | 28 September 2012 | Updated definitions for operational activities and clarified acronyms within definitions. Included Class and Attribute definitions derived from the Logical Data Model (OV-7) |
| Integrated Mid-Term Release Package 1.3 Final Draft 1.3 | 02 November 2012 | Incorporated external comments regarding definition changes, grammar, and layout. Provided separate table for Technical Standards. |
| Integrated Mid-Term Release Package 2.0 Baseline 2.0 | 20 December 2012 | Incorporated JRC comments regarding definition changes, grammar, and layout. Formatted document for baseline publishing |
| Integrated Mid-Term Release Package 2.1 Baseline AV-2 v2.1 | 30 August 2013 | Updated format and structure of wrapper document. |
| Integrated Mid-Term Release Package 2.2 Baseline AV-2 v2.2 | 30 September 2013 | Revised according to comments from early reviewers. Added in two additional tables presenting Reference Classes and Units of Measure. Corrections made to ensure consistency between MS-Word and MS-Excel versions of the AV-2. |
| Integrated Mid-Term Release Package 3.0 Baseline AV-2 v3.0 | 28 February 2014 | Minor updates and baseline release. |

Table of Contents

| | |
|--------------------------------|---|
| Version History..... | i |
| 1 Product Description | 1 |

1 Product Description

The Mid-Term Integrated Dictionary (AV-2) is the enterprise-wide architectural data repository with definitions of all terms used throughout the Mid-Term architectural data and presentations. The Mid-Term AV-2 is a lexicon comprised of the definitions of the individual elements in all of the other NAS EA artifacts. The Primary Integrated Dictionary contains the architectural elements from all artifacts except the OV-7.

The full Excel table of definitions is located on the NAS EA Portal in the Enterprise Architecture Browser with the following file name: NAS-EA-AV-2-Mid-Term-v3.0-022814.xls.

This Integrated Dictionary contains the following information (Tab: Mid-Term AV-2):

- **Term:** The title given to the architecture element to provide the appropriate identification.
- **Definition:** A description and/or definition of the architecture element.
- **Acronym:** A shortened name, usually comprised of the initial characters of the words in architecture element name (Term). Provided if one is available.
- **Type:** Designates the architectural element type(s) where the term is used
- **View(s):** The architecture viewpoint(s) in which the architecture element resides

Due to the complexity and volume of the elements in the OV-7, it is presented in a series of 4 tabs:

- **Class:** Dictionary which provides the name and definition for all of the data classes in the OV-7 diagrams
- **Attribute:** Dictionary which provides the name, definition, and data type (expresses the variety of data that is valid for the attribute) for all of the data attributes in the OV-7 diagrams
- **Reference Classes:** Dictionary which provides the name and valid values for all of the reference (enumeration) classes in the OV-7 diagrams
- **Units of Measure:** Dictionary which provides the name and valid measurement units for all of the Unit of Measure classes in the OV-7

The final tab, **TV-1-2**, provides definitions for entries in the TV-1/2 (Technical Standards).

The AV-2 facilitates architectural development, validation, maintenance, and re-use by providing consistency across populated views and across architectural descriptions. It can also help trace architectural data to authoritative sources.

Standard terms are used where possible (i.e., terms from existing, approved dictionaries, glossaries, and lexicons). However, when a given architecture is at a lower level of detail than existing architectures or lexicons, or when new concepts are devised for objective architectures, new terms and/or modified definitions of existing terms are needed. All definitions that originated in existing dictionaries have been provided a reference for the source, in addition to providing the definition itself.